

# Imperial

## SPRAY PAINTING EQUIPMENT

*A Complete Line of Modern  
Equipment for All Classes of  
Painting and Finishing by  
The Spray Method*

### PRICE LIST

Applying to Paint Spray Equipment. Catalog No. 112-A  
ALL PRICES NET, EXCEPTING SETTE FAUCET—PAGE 28-P  
Discount on Sette Faucet.....33 $\frac{1}{3}$ %

Prices are F.O.B. Chicago, Ill., U.S.A., and subject to change without notice

**THE IMPERIAL BRASS MANUFACTURING CO.**  
CHICAGO, ILL., U.S.A.

748-P 2M 11-35

NOVEMBER, 1935

**The Imperial Brass Manufacturing Co.**  
1200 W. Harrison St., Chicago, Ill., U.S.A.

Telephone: HAYmarket 0740

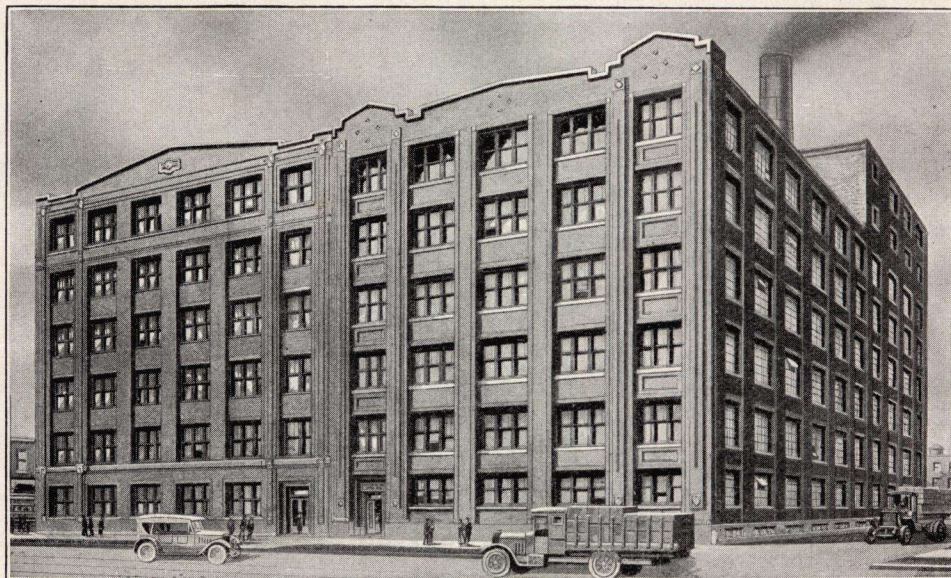
Cable Address: "IMPERBRASS"



THE IMPERIAL BRASS MANUFACTURING COMPANY

CHICAGO, ILL., U. S. A.

## *Quality and Efficiency Guaranteed*



*T*HE EXPERIENCE of over 40 years in the manufacture of brass, bronze and aluminum devices gives real meaning to the Imperial guarantee of quality. Any item in this catalog may be purchased with full confidence that it will conform to the strict standard set by IMPERIAL.

Its quality is *guaranteed*.

In automotive, aeronautical and industrial circles, this institution has assisted in the pioneering of new developments. Its products have won an enviable place because its competent staff of engineers, well equipped laboratory and modern equipment produce products meeting the most exacting demands.

Imperial's years of experience in the design and manufacture of devices requiring expert workmanship and modern equipment is a positive assurance of the *efficiency* and economy of Imperial Paint Spray Equipment. Added to this assurance is the Imperial guarantee of complete satisfaction.



## Imperial Paint Spray Equipment

In practically every industry where paint, enamel or lacquer is used, the method of application is by the spray process.

The first spray guns were of course limited in efficiency and confined to the application of certain kinds of paint materials. It was not until the advent of color pigmented lacquers in 1924 that any great development was made in spray guns.

Most of the spray guns on the market at that time would not properly atomize and distribute color pigment lacquers with any degree of satisfaction. Most of the guns required high pressures to operate satisfactorily and the new pigmented lacquers required automization and distribution at lower air pressure in order to hold the highly volatile solvents from escaping during the application or spraying process.

This change in paint materials naturally revolutionized the types of spray guns being used, and spray gun manufacturers started a period of research and experimentation which is still being carried on.



Before Imperial entered into the manufacture of paint spray equipment, exhaustive research was made into the existing requirements in this field and they set about to develop equipment that would have none of the faults formerly encountered and would insure perfect results even in the hands of inexperienced workmen.

The spray gun is the most important part of the spray unit, and it is essential to have a high grade gun if that glossy, smooth finish is to be had.

That the Imperial Paint Spray Gun is a marvel of simplicity and perfection is now a fact established beyond any question. The new type of spray head insures an even, regular pattern and the shape of the pattern may be changed instantly to suit the needs of the operator.

The gun is simply constructed of the best materials, having few working parts, making it easy to assemble and disassemble for cleaning. When re-assembled, every part automatically aligns so that painting may be resumed without lengthy adjustments.

The following pages describe the many outstanding features of the Imperial Spray Gun and all other Imperial Paint Spray Equipment measures up to this high standard.



## The Imperial Hi-Duty Spray Gun For Flat or Round Spray

The Imperial Hi-Duty Spray Gun has every feature that should be present in a high grade spray gun, and it has proved itself to be efficient, accurate and easy to operate. It produces an even flow of material, perfectly atomized and free from streaks, thereby assuring a uniform wet coat so necessary in securing a good finish. It can be used by all classes of painting and will atomize paint materials at low air

pressures. Two air caps are furnished. One for a fan or flat spray and one for a round spray—only a few seconds are required for the change. The fluid needle is made of stainless steel and is provided with a positive adjustment which gives the operator complete control of the material at all times.

The air valve stem is also constructed from stainless steel and has a unique feature in that it is not anchored to the air valve seat, thereby eliminating side pull or wear at the valve seat opening. The complete air valve assembly can be removed as a single unit.

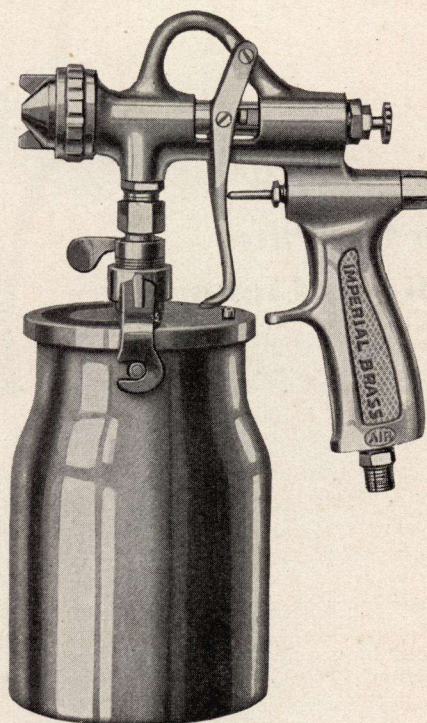
Among other features, the Imperial Hi-Duty Spray Gun is easy to dismantle for cleaning and is easy to keep clean. It can be taken apart in a fraction of the time required by most guns and can be reassembled just as quickly. When reassembled, every part is automatically aligned so that painting may be resumed without lengthy adjustments. It has an aluminum body, air inlet at base of handle, self-centering fluid

tip concentric with air cap, two-finger trigger; and the perfect balance makes it possible to use this gun for long period of time without tiring.

Where quick changes of material or variety of colors are used, the use of a Suction Feed Cup Assembly is recommended.

If you desire to change to another color it only takes a few seconds to clean the fluid passageway of gun and remove the cup and attach another, which contains the desired color.

Additional cups No.110-C, with No. 79-C plain air-tight covers, can be furnished where a variety of colors are used.



No. 67-C

*Hi-Duty Spray Gun with Cup Assembly*

No. 67-C	Hi-Duty Spray Gun for flat or round spray, with 1 qt. suction feed cup assembly, wrench and cleaning brush.....	\$28.85
No. 65-C	Hi-Duty Spray Gun for flat or round spray without suction feed cup assembly .....	24.85
No. 66-C	1 qt. Suction Feed Cup Assembly only (consists of Nos. 109-C and 110-C) .....	4.00
No. 109-C	Suction Feed Cover Assembly only.....	2.65
No. 108-C	Mason Glass Jar Assembly (includes cover attachments).....	2.00
No. 110-C	1 qt. Cup only.....	1.35
No. 79-C	Plain Air Tight Cover only for Cup.....	.25
No. 76-C	24 oz. Suction Feed Cup Assembly only (consists of cup and cover attachment) .....	3.50



## Some Features of the Imperial Hi-Duty Spray Gun



**Simple, Effective  
Easy to Operate  
and Keep Clean**

1. Easier to dismantle for cleaning.
2. Self-aligning spray head, plug cock type, concentric with fluid nozzle.
3. Fan spray adjustable to any position by simply turning air cap.
4. Round spray quickly provided by changing air cap, simplifying construction.
5. Positive and accurate material control at handle.
6. Hardened and ground steel fluid tip.
7. Stainless steel fluid needle.
8. Positive fluid cut-off at nozzle orifice.
9. Forged brass air cap.
10. Light weight aluminum body.
11. Perfect balance.
12. Standard  $\frac{1}{4}$ " hose connection.
13. Hose connected to base of handle.
14. Drawn aluminum suction feed cup.
15. Interchangeable pressure feed container connection.
16. Stainless steel air valve stem.
17. Automatic take-up on fluid needle packing.
18. Tapering fluid control.
19. Simplified construction throughout.
20. All parts interchangeable.

The forged brass air cap with its unique construction eliminates piling up of paint materials on face of nozzle; the light weight aluminum body gives maximum lightness, and its construction permits the greatest ease in disassembling for cleaning. The air hose connection is standard and is attached at base of handle to permit greatest convenience in manipulating gun. The drawn aluminum suction feed cup may be interchanged with pressure feed container of any desired size. The automatic spring take-up on fluid needle valve packing nut prevents leakage and the tapering fluid nozzle makes possible perfect control from fine line spray to broad ellipse with uniform coverage.

No. 65-C HI-DUTY Spray Gun without Cup Assembly .....\$24.85



## Imperial Junior Spray Gun

### For Flat or Round Spray

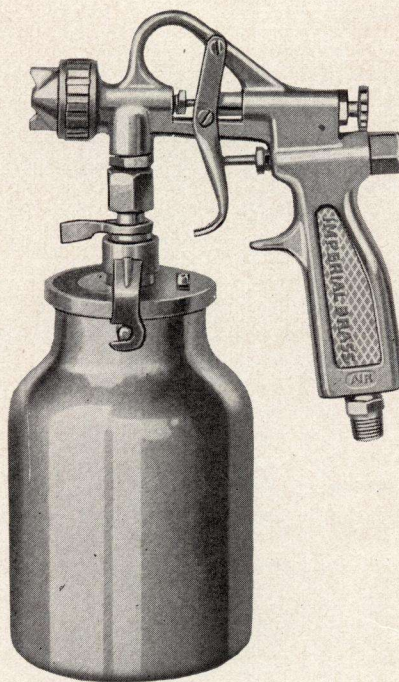
The Junior Spray Gun is similar in appearance to the Hi-Duty but is smaller in size. It has the same simple design and construction so that it is easy to operate and adjust, and can be dismantled and cleaned in a fraction of the time required by other guns. When reassembled every part is automatically aligned so that painting may be resumed without lengthy adjustments.

The flow of material from this Spray Gun, perfectly atomized and free from streaks, assures a uniform wet coat so necessary in securing a good finish.

It is used for automobile painting, refinishing work, touch-up work, painting and shading of furniture, toys, novelties and for all other work where high speed is not essential or the air supply is limited. It produces an adjustable spray stream and ato-

mizes paint materials at low air pressures. Two spray heads are furnished with each gun—one for flat spray and one for round spray.

The pistol grip handle, two finger trigger, stainless steel fluid needle, paint adjuster, and the air inlet at bottom of handle are all features in the Junior Spray Gun. The gun can be used for long periods of time without tiring the hand.



No. 77-C

*Junior Spray Gun with Cup Assembly*

Where quick changes of material or a variety of colors are used, the use of a Suction Feed Cup Assembly is recommended. If you desire to change to another color, it only takes a few seconds to remove the cup, clean gun, and attach another cup, which contains the desired color. When a number of colors are used, it is advisable to have several extra cups, No. 112-C, which are furnished with airtight plain covers.

No. 77-C Junior Spray Gun for flat or round spray with 24-oz. No. 76-C Suction Feed Cup Assembly, wrench and cleaning brush .....	\$18.35
No. 75-C Junior Spray Gun for flat or round spray without Suction Feed Cup Assembly.....	14.85
No. 76-C 24 oz. Suction Feed Cup Assembly only (consists of Nos. 111-C and 112-C).....	3.50
No. 111-C Suction Feed Cover Assembly only.....	2.40
No. 112-C 24 oz. Cup only.....	1.10
No. 115-C Plain Air Tight Cover only for Cup.....	.25
No. 108-C Mason Glass Jar Assembly (consists of Jar and cover attachment).....	2.00
No. 66-C 1 qt. Suction Feed Cup Assembly only (consists of cup and cover attachment).....	4.00



## Imperial Pressure Cup Type Spray Gun

The No. 85-C Imperial Spray Gun is of the pressure cup type—air pressure is maintained above the material in the cup when the gun is in operation, thus assuring a constant and uniform flow of paint material to the spray gun nozzle.

This assures the proper atomization of practically all types of paints, lacquers, varnishes, etc., and will operate satisfactorily on any  $\frac{1}{4}$  H.P. Compressor Unit with displacement of not less than two cubic feet of air per minute, and atomizes nicely at about 20 to 25 lbs. air pressure.

One of the outstanding features of the gun is the automatic relief valve that has been built into the gun, which releases the air if an air pressure of over 35 lbs. is used.

The gun has a two finger trigger, paint adjuster, and a standard  $\frac{1}{4}$  inch pipe thread air connection at base of handle. The spun aluminum cup holds 1 quart.

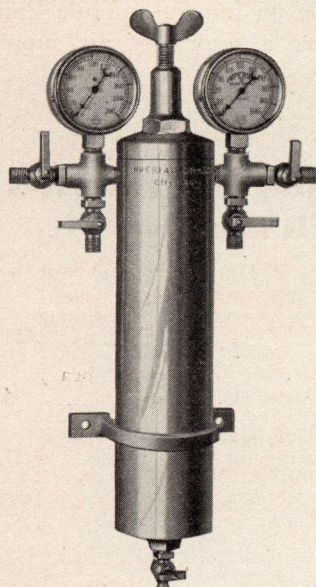
Furnished with either flat or round spray nozzle. Unless otherwise specified, a flat spray nozzle will be furnished.



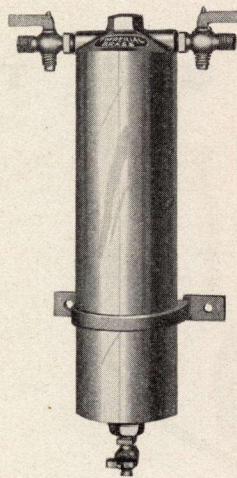
- |   |         |
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| No. 85-C Pressure Cup Type Spray Gun complete with 1 quart cup, wrench and cleaning brush ..... | \$12.85 |
| No. 86-C Extra 1 Quart Cup only.....  | 1.35    |



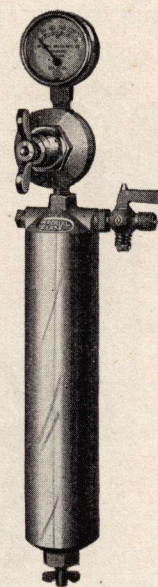
## Imperial Water and Oil Separator and Regulating Set



No. 69-C



No. 68-C



No. 89-C

To obtain a perfectly finished job, the oil and moisture which is present in air lines must be removed so that the air will be clean and dry. This is possible when the Imperial Hi-Duty Water and Oil Separator and Regulating Set is used.

This separator has a large capacity and will positively remove all water and oil from the air, leaving it in perfect condition for spray finishing.

The new principles embodied in this separator, not found in other makes, assures clean, dry air. No felt, waste packing or baffle plates are used, and no clogging can occur to cause a drop in the air line pressure.

The well known Imperial Regulator will hold the air pressure at the point which it is set, without variation, which assures an even pressure at the air nozzle, resulting in a uniform coated surface.

The air inlet is at the rear of the separator. Two gauges are furnished, one for indicating the main air line pressure, and the other for indicating the working pressure. Four air outlets make it possible to use two spray guns, while the other two outlets can be used to supply air for air duster and other appliances. Each outlet is fitted with a shut-off valve. There is a bracket furnished for mounting separator to the wall.

The only attention this separator requires is the periodic opening of the drain cock which is at the bottom of the separator, for draining off the accumulated oil and moisture. Chromium plate finish.

No. 69-C Hi-Duty Water and Oil Separator and Regulating Set.....Each \$27.50

No. 68-C Water and Oil Separator is similar to the No. 69-C, excepting that it does not have the two gauges and regulator, and the air intake is at the top instead of at the rear of the Separator, Chromium plate finish.

No. 68-C Water and Oil Separator.....Each \$13.75

The No. 89-C Water and Oil Separator and Regulating Set has proven to be very effective in filtering out all oil and moisture from the compressed air, as it has the same working features as the No. 69-C Hi-Duty, but is smaller in size.

Furnished complete with regulator and gauge. The pressure can be regulated where the best atomization of spray is obtained and the pressure maintained without variation.

The outlets make it possible to use two spray guns at the same time. Oil and moisture are drained off through the drain cock at bottom of separator. Furnished in white nickel finish.

No. 89-C Water and Oil Separator and Regulating Set .....Each \$15.85

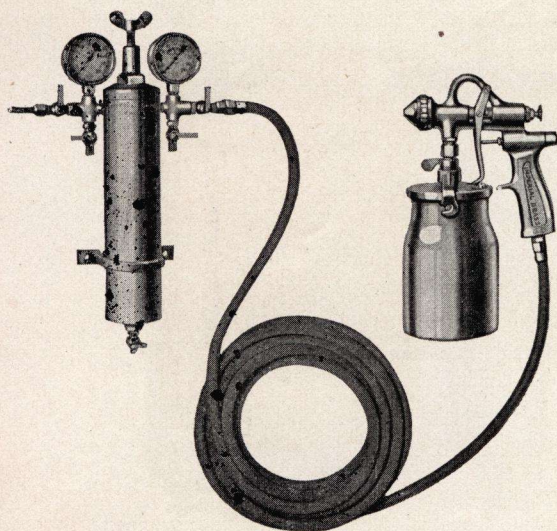
No. 88-C Separator only for 89-C (less regulator and gauge) .....Each 6.85

No. 74-C Regulator complete with gauge for 89-C (less separator) .....Each 9.00



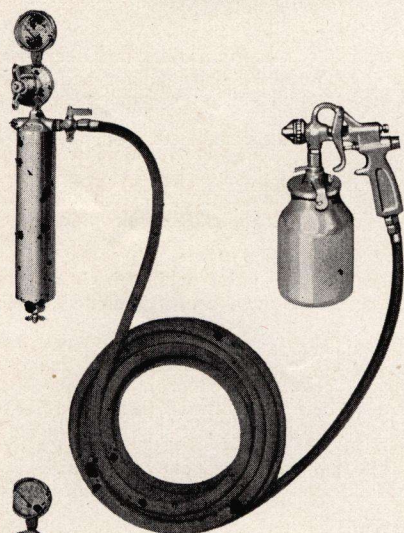
## Imperial Spray Painting Outfits

The Imperial Spray Painting Outfits shown below are made up for Automobile Paint Shops, Garage, Automobile Dealers, etc., who already have a source of air supply.



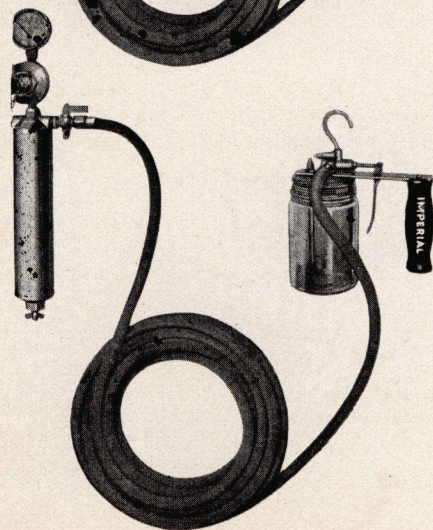
### The Imperial No. 73-C Outfit Consists of

- 1—Imperial 67-C Hi-Duty spray gun for flat or round spray with one (1) quart cup assembled, wrench and cleaning brush .....\$28.85
- 1—25-ft. length  $\frac{5}{16}$ -in. corrugated heavy duty air hose with connections..... 4.50
- 1—No. 69-C Hi-Duty water and oil separator and regulating set..... 27.50
- Price complete .....\$60.85



### The Imperial No. 78-C Junior Outfit Consists of

- 1—Imperial No. 77-C Junior spray gun for flat or round spray with 24-oz. cup assembled, wrench and cleaning brush..\$18.35
- 1—25-ft. length  $\frac{1}{4}$ -in. corrugated heavy duty air hose with connections..... 4.05
- 1—No. 89-C water and oil separator and regulating set..... 15.85
- Price complete .....\$38.25



### The Imperial No. 53-C Outfit Consists of

- 1—No. 50-C spray gun with standard 1-pint glass mason jar paint container and 6-ft. length of hose with connections.\$3.75
- 1—No. 89-C water and oil separator and regulating set ..... 15.85
- Price complete .....\$19.60



## Imperial Pressure Feed Containers



No. 71-C  
2 Gallon Material Pressure  
Feed Container



No. 72-C  
5-10-15-20 Gallon Material Pressure  
Feed Container

If a large surface is to be painted with a spray gun where large quantities of paint are to be used, it takes little imagination to figure the great amount of time that would be spent in refilling a 1-pint or 1-quart cup.

Compare this method against that of using a 2-5-10-15 or 20-gallon Imperial Pressure Feed Container, which would only require one or two fillings of the container, and the operator could continue without interruption until the job was completed.

Imperial Containers are made of heavy gauge seamless cold drawn steel and are built to withstand hard usage. The cover for the container seats on a gasket and is held in place by heavy hinged clamps which allow the cover to be removed quickly and easily. The full size opening permits easy cleaning.

Furnished in 2-5-10-15- and 20-gallon sizes with pressure regulator, safety valve relief valve and air and fluid cut-off cocks.

All but the two-gallon sizes are furnished with hand agitator, paint pressure gauge and insert container. Extra insert containers with cover can be supplied, permitting quick changes of material.

Cat. No.	Size	Finish	Price
71-C	2 Gallon	Cadmium Plated .....	\$22.50
72-C	5 Gallon	Galvanized .....	48.00
72-C	10 Gallon	Galvanized .....	49.50
72-C	15 Gallon	Galvanized .....	68.25
72-C	20 Gallon	Galvanized .....	88.00

### Insert Containers with Covers

Cat. No.	Size	Finish	Price
120-C	5 Gallon	Tinned .....	\$ 3.50
120-C	10 Gallon	Tinned .....	4.00
120-C	15 Gallon	Tinned .....	4.50
120-C	20 Gallon	Tinned .....	8.00

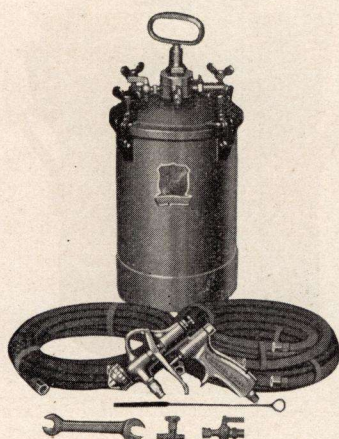


# IMPERIAL PRODUCTS

## Imperial Material Pressure Feed Containers

assembled in units including attendant equipment for use where air is already available

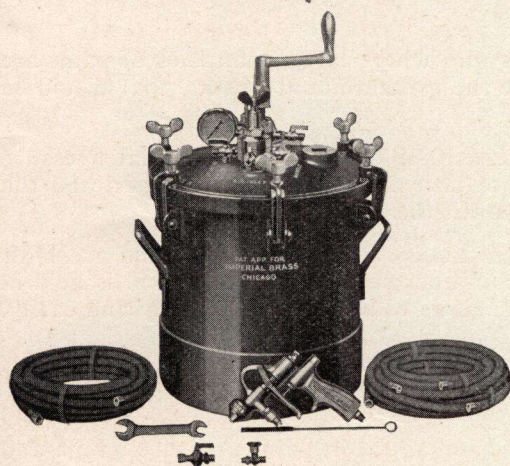
These Portable Spray Paint Outfits are for use in factories, garages, and by painting contractors, etc., where air pressure is already available. The outfits differ in size of the Material Pressure Feed Containers, the number of spray guns, and the length of hose.



### No. 81-C Paint Spray Outfit

- 1—No. 65-C Imperial Hi-Duty spray gun for flat or round spray with wrench and cleaning brush.....\$24.85
- 1—No. 71-C 2-gallon material pressure feed container, with pressure regulator, safety valve, relief valve, and air and fluid shut-off cocks ..... 22.50
- 2—25-ft. lengths  $\frac{1}{8}$ " corrugated heavy duty air hose with connections..... 9.00
- 1—25-ft. length  $\frac{1}{2}$ " fluid hose with connection 6.70
- 1—No. 95-C air regulating valve ..... 1.50
- 1—No. 97-C fluid cut-off cock..... 1.00

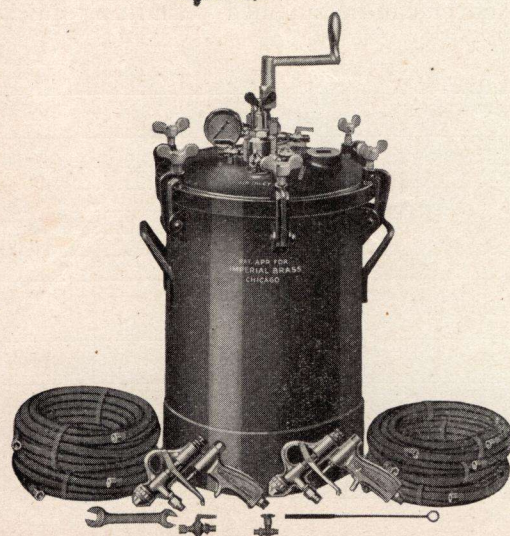
No. 81-C outfit. Price.....\$65.55



### No. 82-C Paint Spray Outfit

- 1—No. 65-C Hi-Duty spray gun for flat or round spray with wrench and cleaning brush .....\$24.85
- 1—No. 72-C 5-gallon galvanized material pressure feed container, with hand agitator, insert container, pressure regulator and gauge, safety valve, relief valve, and air and fluid cut-off cocks..... 48.00
- 1—25-ft. length  $\frac{1}{2}$  in. corrugated heavy duty air hose with connections..... 6.45
- 1—25-ft. length  $\frac{1}{8}$  in. corrugated heavy duty air hose with connections..... 4.50
- 1—25-ft. length  $\frac{1}{2}$  in. fluid hose with connections ..... 6.70
- 1—No. 95-C air regulating valve ..... 1.50
- 1—No. 97-C fluid cut-off cock ..... 1.00

No. 82-C outfit. Price.....\$93.00



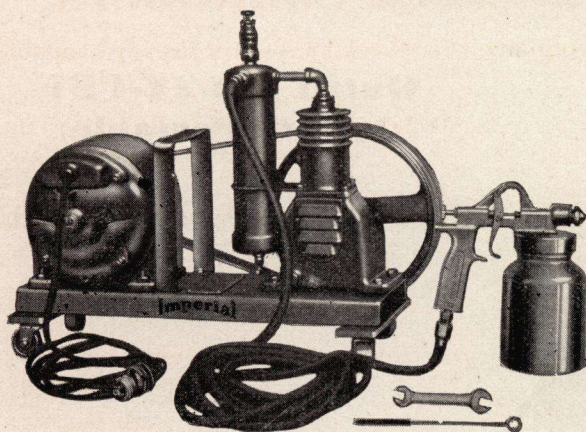
### No. 83-C Paint Spray Outfit

- 2—No. 65-C Hi-Duty spray guns for flat or round spray, each with wrench and cleaning brush .....\$49.70
- 1—No. 72-C 10-gallon galvanized material pressure feed container with hand agitator, insert container, pressure regulator and gauge, safety valve, relief valve, and air and fluid cut-off cocks..... 49.50
- 1—50-ft. length  $\frac{1}{2}$  in. corrugated heavy duty air hose with connections..... 11.70
- 2—25-ft. lengths  $\frac{1}{8}$  in. corrugated heavy duty air hose with connections..... 9.00
- 2—25-ft. lengths  $\frac{1}{2}$  in. fluid hose with connections ..... 13.40
- 1—No. 95-C air regulating valve ..... 1.50
- 1—No. 97-C fluid Cut-off cock ..... 1.00

No. 83-C outfit. Price.....\$135.80



## Imperial Paint Spray Equipment



### Outfit No. 21-CPA (1/4 H.P. Portable)

A complete, compact and efficient outfit for small repair shops, office buildings, stores, home and farm owners and for painters for emergency work.

All ready for work when attached to a light socket and will do excel-

lent spray painting at a price so low that a few days' use will more than pay for this handy outfit.

The pressure cup type spray gun handles paints, varnishes and lacquers, and gives a last and perfectly atomized flat stream of material.

No. 21-CPA Outfit consists of:

- 1—No. 1-CPA 1/4 H.P. portable electric motor-driven air cooled, single-stage compressor with pulsation chamber and water and oil trap with drain valve. Has pop-off safety relief valve, and felt silencer and air cleaning pad in intake of compressor. Has casters and a carrying handle for easy moving, also a 10-ft. length of electric extension cord. (AC-1 phase, 60 cycle, 110 volts) .....\$38.20
- 1—No. 85-C Imperial pressure cup type paint spray gun with 1 quart aluminum cup, wrench, and cleaning brush ..... 12.85
- 1—15 ft. length 1/4" corrugated heavy duty air hose with connections..... 2.75
- No. 21-CPA Outfit complete ..... \$53.80

If the above compressor unit is wanted with different type compressor motor, order by the following outfit numbers:

Cat. No.	Type of Motor	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
21-CPB	AC-1 phase, 25 cycle, 110 volt.....	\$56.10	1-CPB	\$40.50
21-CPC	AC-3 phase, 60 cycle, 220 volt.....	68.10	1-CPC	52.50
21-CPE	AC-3 phase, 25 cycle, 220 volt.....	70.10	1-CPE	54.50
21-CPD	Direct current, 110 volt.....	62.60	1-CPD	47.00

#### SPECIFICATIONS

Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
1/4 H. P.	2.1' Bore 2" Stroke 1 3/4"	30 lbs.	Filter Retort	20"	10"	17"	62 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3.)

If different type electric motors are required than listed above, write for quotations.



## Imperial Paint Spray Equipment



### Outfit No: 22-CPF (1/2 H.P. Portable)

This is a compact, easy-to-move and easy-to-use outfit for the small painting contractor, decorator, builder, steamfitter or plumber. It can be used by the automobile dealer for painting and touch-up work, also in garages, fender and body shops, radiator shops, sign painting shops, for refinishing furniture and for small maintenance work.

No. 22-CPF Outfit consists of:

1—No. 2-CPF 1/2 H.P. portable electric motor-driven air compressor with pulsation chamber, water and oil trap with drain valve, and felt silencer and air cleaner in intake of compressor. Complete with safety check valve and air pressure gauge, which shows exact air pressure at all times. Three wheel hand truck with swivel front wheel and 10 ft. length of electric extension cord (AC-1 phase, 60 cycle, 110 or 220 volt) .....	\$115.00
1—No. 75-C Imperial paint spray gun for flat or round spray, with wrench and cleaning brush .....	14.85
1—No. 71-C two-gallon material pressure feed container with regulator .....	22.50
1—20 ft. length 1/2" corrugated heavy duty air hose with connections.....	5.40
1—12 ft. length 1/4" corrugated heavy duty air hose with connections.....	2.36
1—12 ft. length 3/8" fluid hose with connections .....	3.28
1—No. 97-C fluid cut-off cock .....	1.50
1—No. 95-C air adjusting valve.....	1.00
No. 22-CPF Outfit complete .....	\$165.89

If above outfit is wanted with different type compressor motor or gas engine drive, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
22-CPH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$175.09	2-CPH	\$124.20
22-CPC	AC-3 phase, 60 cycle, 220 volt .....	165.89	2-CPC	115.00
22-CPE	AC-3 phase, 25 cycle, 220 volt .....	165.89	2-CPE	115.00
22-CPD	Direct current, 110 volt .....	165.89	2-CPD	115.00
22-CPG	3/4 H.P. gasoline engine drive .....	220.89	2-CPG	170.00

#### SPECIFICATIONS

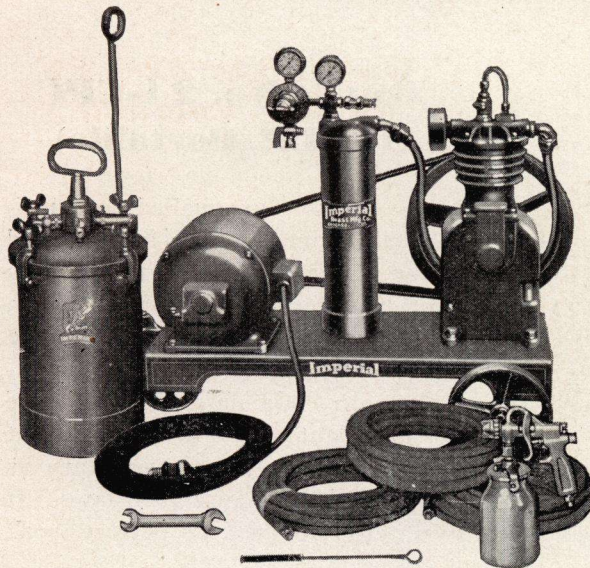
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
1/2 H.P.	3.7' Bore 2 1/4" Stroke 2"	50 lbs.	Filter Retort	30"	16"	26"	EM 165 lbs. GE 185 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

If different type electric motors are required, than listed above, write for quotations.



## Imperial Paint Spray Equipment



### Outfit No. 23-CPF ( $\frac{3}{4}$ H.P. Portable)

This is a very popular paint spray outfit and is similar to No. 22-CPF except that it has a larger compressor unit and is capable of producing a larger quantity of air. It has a displacement of  $5\frac{1}{2}$  cu. ft. per minute.

It is for use by small painting contractors, office buildings, hotel and factory maintenance and for refinishing furniture. Automobile dealers use this outfit for touch-up work and painting of automobiles.

No. 23-CPF Outfit consists of:

- 1—No. 3-CPF  $\frac{3}{4}$  H.P. portable electric motor-driven air compressor with pulsation chamber, water and oil trap with drain valve and automatic unloader. Pressure gauge shows exact air pressure at all times and the safety check valve, eliminates danger of excessive pressure. Felt silencer and air cleaner pad in intake of compressor. Three wheel truck, swivel front wheel. 10-ft. length of electric extension cord (AC-1 phase, 60 cycle, 110 or 220 volt).....\$137.00
- 1—No. 77-C Imperial junior paint spray gun for flat or round spray with 24 oz. cup assembly, wrench and cleaning brush..... 18.35
- 1—25 ft. length  $\frac{1}{4}$ " corrugated heavy duty air hose with connections..... 4.05
- 1—12 ft. length  $\frac{1}{4}$ " corrugated heavy duty air hose with connections..... 2.36
- 1—12 ft. length  $\frac{3}{8}$ " fluid hose with connections..... 3.28
- 1—No. 71-C two-gallon material pressure feed container with regulator..... 22.50
- 1—No. 97-C fluid cut-off cock..... 1.00
- 1—No. 95-C air adjusting valve..... 1.50

No. 23-CPF Outfit complete.....\$190.04

If above outfit is wanted with different type compressor motor or gas engine drive, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
23-CPH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$201.79	3-CPH	\$148.75
23-CPC	AC-3 phase, 60 cycle, 220 volt.....	189.04	3-CPC	136.00
23-CPE	AC-3 phase, 25 cycle, 220 volt.....	200.04	3-CPE	147.00
23-CPD	Direct current, 110 volt.....	193.29	3-CPD	140.25
23-CPG	1-H.P. gasoline engine drive.....	228.04	3-CPG	175.00

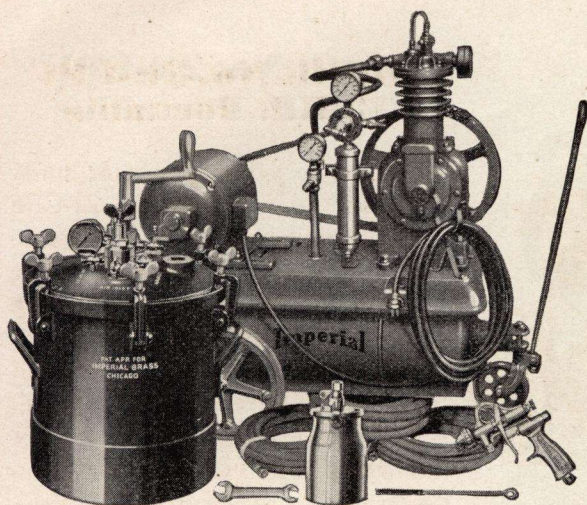
#### SPECIFICATIONS

Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
$\frac{3}{4}$ H.P.	5.5' Bore 3" Stroke $2\frac{1}{4}$ "	50 lbs.	Filter Retort	30"	18"	30"	EM 250 lbs. GE 285 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

If different type electric motors are required than listed above, write for quotations.





## Outfit No. 24-CPC (1½ H.P. Portable)

This outfit is unequalled for automobile painting and factory and building maintenance. It is a handy outfit for real estate operators, city, county and state boards for the maintenance of park fixtures, buildings, etc. Canneries, dairies, ice cream plants, etc., need this outfit to keep their factories sanitary as required by the pure food laws. It

can be used for the application of all types of paint material and will do perfect work at surprising speed when operated by a competent operator.

No. 24-CPC Outfit consists of:

- 1—No. 4-CPC 1½ H.P. portable electric motor-driven air compressor with 16 gallon air tank, water and oil separator with gauge and regulator, automatic unloader and felt silencer and air cleaning pad in intake of compressor. Has pressure gauge which shows exact air pressure at all times and safety check valve eliminates danger of excessive pressure. Swivel front wheel and the wheels are rubber tired so that it is easy to move and will not scratch nor mar floors in being moved from place to place. 10 foot electric extension cord (AC-3 phase, 60 cycle, 220 volt) .....\$192.00
- 1—No. 67-C Imperial Hi-Duty paint spray gun for flat or round spray with 1 qt. aluminum cup assembly, wrench and cleaning brush..... 28.85
- 1—No. 72-C Five-gallon galvanized material pressure feed container with hand agitator and insert container. Equipped with paint pressure gauge and regulator.. 48.00
- 1—50 ft. length ½" corrugated heavy duty air hose with connections..... 11.70
- 1—25 ft. length ¾" corrugated heavy duty air hose with connections..... 4.50
- 1—25 ft. length ¾" fluid hose with connections..... 5.75
- 1—No. 97-C fluid cut-off cock ..... 1.00
- 1—No. 95-C air adjusting valve..... 1.50

No. 24-CPC Outfit complete .....\$293.30

If above outfit is wanted with different type compressor motor or gas engine drive, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
24-CPF	AC-1 phase, 60 cycle, 110 or 220 volt.....	\$313.30	4-CPF	\$212.00
24-CPH	AC-1 phase, 25 cycle, 110 or 220 volt.....	343.30	4-CPH	242.00
24-CPE	AC-3 phase, 25 cycle, 220 volt.....	323.30	4-CPE	222.00
24-CPD	Direct current, 110 volt.....	374.30*	4-CPD	273.00*
24-CPG	2-H.P. gasoline engine drive.....	403.80	4-CPG	302.50

\*Price includes starting rheostat

### SPECIFICATIONS

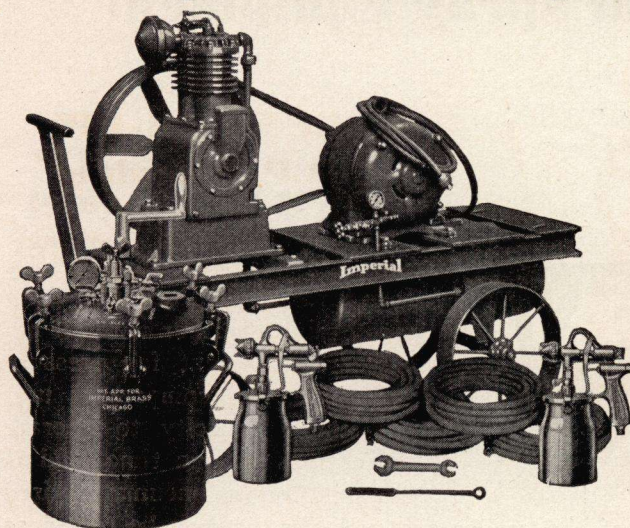
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
1½-H.P.	8.5' Bore 3" Stroke 4"	75 lbs.	16 gal.	44"	20"	40"	EM 380 lbs. GE 400 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

If different type electric motors are required than listed above, write for quotations.



## Imperial Paint Spray Equipment



### Outfit No. 26-CPC (3 H.P. Portable)

For large painting and building contractors, manufacturers and industrial plants of all kinds, where a large amount of maintenance painting is required. The 26-CPC Outfit is large enough to operate two Hi-Duty guns in continuous service. The four-wheel hand truck makes it easy to move from place to place.

No. 26-CPC Outfit consists of:

- 1—No. 6-CPC 3 H.P. portable electric motor-driven, two cylinder, air-cooled air compressor with automatic unloader, 16-gallon air tank mounted on four-wheel hand truck and multiple V belt drive. Pressure gauge shows exact air pressure at all times and the safety check valve eliminates danger of excessive pressure. Felt Silencer and air cleaning pad in intake of compressor. (AC-3 phase, 60 cycle, 220 volt) .....\$305.00
- 2—No. 67-C Imperial Hi-Duty paint spray guns for flat or round spray, each with one quart aluminum cup assemblies, wrench and cleaning brushes..... 57.70
- 1—50 ft. length of  $\frac{1}{2}$  in. corrugated heavy duty air hose with connections..... 11.70
- 2—25 ft. lengths  $\frac{1}{8}$  in. corrugated heavy duty air hose with connections..... 9.00
- 2—25 ft. lengths  $\frac{1}{2}$  in. fluid hose with connections..... 13.40
- 1—No. 72-C ten-gallon galvanized material pressure feed containers with hand agitator and insert container, equipped with paint pressure gauge and regulator..... 49.50
- 2—No. 95-C air adjusting valves..... 3.00
- 2—No. 97-C fluid cut-off cocks..... 2.00
- No. 26-CPC outfit complete .....\$451.30

If above outfit is wanted with different type compressor motor or gas engine drive, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
26-CPH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$571.30	6-CPH	\$425.00
26-CPF	AC-1 phase, 60 cycle, 110 or 220 volt.....	521.30	6-CPF	375.00
26-CPE	AC-3 phase, 25 cycle, 220 volt.....	506.30	6-CPE	360.00
26-CPD	Direct Current, 220 volt.....	575.30*	6-CPD	429.00*
26-CPGG	4-H.P. gasoline engine drive.....	602.30	6-CPG	456.00

\*Price includes starting rheostat

#### SPECIFICATIONS

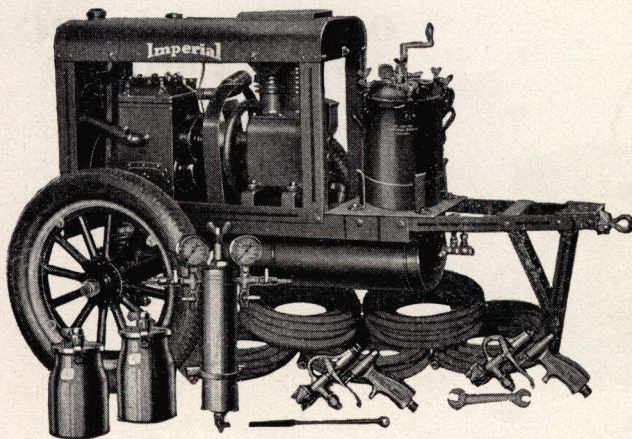
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
	21'						
3 H.P.	Bore $3\frac{1}{2}$ " Stroke 4"	90 lbs.	16 gal.	62"	28"	62"	EM 580 lbs. GE 690 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

If different type electric motors are required than listed above, write for quotations.



# Imperial Paint Spray Equipment



## Outfit No. 27-CP (7½ H.P. Portable)

This is a big outfit for big jobs. It is furnished with two Hi-Duty spray guns together with all necessary equipment for pressure painting. The compressor unit has ample capacity to operate three guns at one time, and is mounted on a pneumatic tired

trailer. The balance and springing of the trailer are such that it may be towed at speeds of 30 to 40 miles per hour. The outfit is designed for housepainting, painting structural steel work and for use by painting contractors, construction companies, pipe line companies, general contractors and all who have a large amount of painting to do. This we earnestly believe is the ultimate in paint spray outfits.

### Outfit consists of:

- 1—No. 7-CP (7½ H.P.) 2-cylinder, portable water-cooled gasoline engine direct driven air compressor, mounted on a pneumatic tired trailer with 16 gallon air storage tank. The housing is built with removable sides, so arranged that they can be locked to prevent tampering. Equipped with automatic unloader and felt silencer and air cleaning pad in intake of compressor.....\$650.00
- 2—No. 67-C Imperial Hi-Duty paint spray guns for flat or round spray, each with one quart aluminum cup assemblies, wrench and cleaning brush..... 57.70
- 1—50 foot length ½ in. corrugated heavy duty air hose with connections..... 11.70
- 2—25 foot lengths ⅜ in. corrugated heavy duty air hose with connections..... 9.00
- 2—25 foot lengths ½ in. fluid hose with connections ..... 13.40
- 1—10-gallon galvanized material pressure feed container equipped with hand agitator, insert container, paint pressure gauge and regulator, safety valve, bleeder check valve and necessary outlet valves for connection of hose lines to operate two spray guns ..... 49.50
- 1—No. 69-C Imperial Hi-Duty water and oil separator and regulating set..... 27.50
- 2—No. 95-C air adjusting valves ..... 3.00
- 2—No. 97-C fluid cut-off cocks ..... 2.00
- No. 27-CP outfit complete.....\$823.80

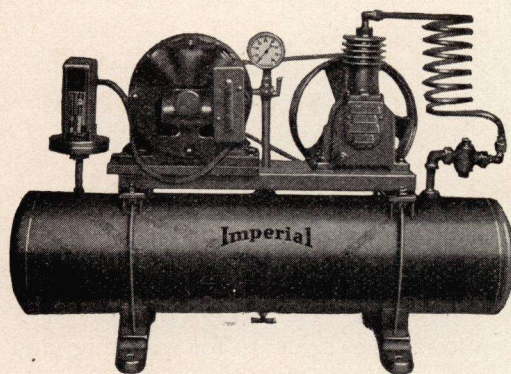
### SPECIFICATIONS

Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
7½ H.P.	28'	90 lbs.	16 gal.	7'	5'6"	4'2"	925 lbs.

Note: Besides its use in connection with spray painting, this compressor may be used to supply air for many other uses, such as running small chipping or riveting hammers, applying insulating compound; in fact any use requiring less than 28 cubic feet of air per minute at pressure under 90 pounds.



## Imperial Stationary Air Compressor



### Outfit No. 1-CSF ( $\frac{1}{4}$ H. P.)

This automatic controlled, storage type air compressor is designed for use where a constant supply of compressed air is required.

Artists use it for supplying air to their air brushes. Dentists, doctors, lithographers, photographers, etc., find it idea for their purposes. The  $\frac{1}{4}$  H. P. motor consumes but little current and the compressor is remarkably quiet in operation.

No. 1-CSF ( $\frac{1}{4}$  .P.) stationary electric motor-driven air compressor with 5 gal. air storage tank and an automatic electric starting and stopping control which cuts in at 20 lbs. and cuts out at 40 lbs. pressure. Pressure gauge shows exact air pressure at all times and the safety check valve eliminates excessive air pressure. Felt silencer and air cleaning pad in intake of compressor. (AC-1 phase, 60 cycles, 110 or 220 volt).....\$65.00

*If the above compressor unit is wanted with different type compressor motor, order by the following catalog numbers:*

Cat. No.	Motor Specifications	Price
1-CSH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$69.50
1-CSE	AC-3 phase, 25 cycle, 220 volt .....	75.50
1-CSC	AC-3 phase, 60 cycle, 220 volt.....	73.50
1-CSD	Direct current, 110 volt.....	73.00

#### SPECIFICATIONS

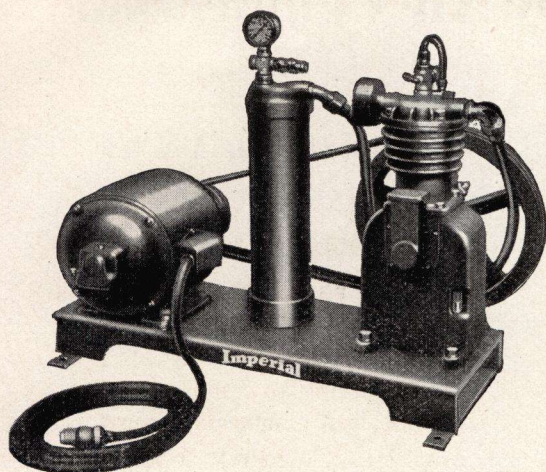
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
$\frac{1}{4}$ H.P.	$\overset{1.4'}{\text{Bore } 1\frac{3}{4}" \text{ Stroke } 1\frac{3}{4}"}$	60 lbs.	5 gal.	30"	11"	22"	115 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

*If different type electric motors are required than listed above, write for quotations.*



# Imperial Stationary Air Compressor



## Outfit No. 3-CSF (3/4 H. P.)

This Compressor Outfit is for use by automobile dealers, for painting and touch-up work, by small factories, for production work where only one spray gun is used and where a stationary compressor unit is desired.

It will furnish sufficient air to operate the Imperial Junior Spray Gun.

No. 3-CSF (3/4 H.P.) stationary electric motor-driven air compressor with pulsation chamber, automatic unloader, water and oil trap with drain valve and felt silencer and air cleansing pad in intake of compressor. Pressure gauge shows exact air pressure at all times and the safety check valve eliminates danger of excessive pressure. 10-ft. length of extension cord. (AC-1 phase, 60 cycle, 110 or 220 volt) .....\$136.00

*If the above compressor unit is wanted with different type compressor motor, order by the following catalog numbers:*

Cat. No.	Motor Specifications	Price
3-CSH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$149.00
3-CSC	AC-3 phase, 60 cycle, 220 volt.....	130.00
3-CSC	AC-3 phase, 25 cycle, 220 volt.....	144.00
3-CSD	Direct current, 110 volt.....	136.00

### SPECIFICATIONS

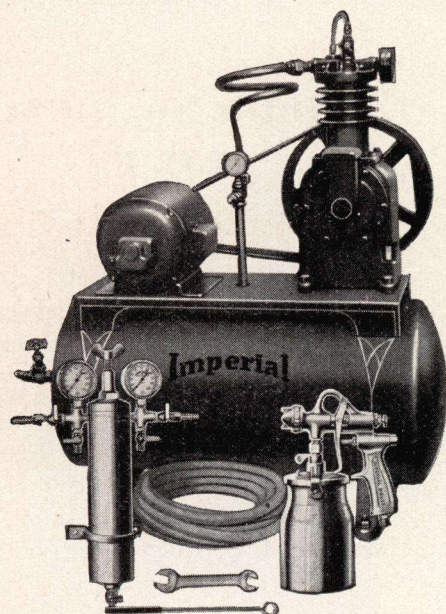
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
3/4 H.P.	5.5' Bore 3" Stroke 2 1/4"	50 lbs.	Filter Retort	30"	16"	26"	240lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

*If different type electric motors are required than listed above, write for quotations.*



## Imperial Paint Spray Equipment



### Outfit No. 24-CSC (1½ H.P. Stationary)

This outfit is especially designed for automobile paint shops and for factories for production work where one Hi-Duty gun is to be used, and where a stationary unit is desired. This outfit can be used for the application of any type of finish and will do perfect work at surprising speed when operated by a competent operator.

No. 24-CSC Outfit consists of:

- 1—No. 4-CSC (1½ H.P.) stationary electric motor-driven air compressor with latest type of automatic unloader, V belt drive, 32-gallon air tank complete with safety check valve and air pressure gauge. Felt silencer and air cleaning pad in intake of compressor. (AC-3 phase, 60 cycle, 220 volts).....\$192.00
- 1—No. 67-C Imperial Hi-Duty paint spray gun for flat or round spray, with one-quart aluminum cup assembly, wrench and cleaning brush..... 28.85
- 1—No. 69-C Imperial water and oil separator and regulating set..... 27.50
- 1—25 ft. length  $\frac{3}{8}$ " corrugated heavy duty air hose with connections..... 4.50
- No. 24-CSC Outfit complete.....\$252.85

If above outfit is wanted with different type compressor motor, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
24-CSF	AC-1 phase, 60 cycle, 110 or 220 volt.....	\$274.85	4-CSF	\$214.00
24-CSH	AC-1 phase, 25 cycle, 110 or 220 volt.....	306.85	4-CSH	246.00
24-CSE	AC-3 phase, 25 cycle, 220 volt.....	284.85	4-CSE	224.00
24-CSD	Direct current, 110 volt.....	340.85*	4-CSD	280.00*

\*Price includes starting rheostat

#### SPECIFICATIONS

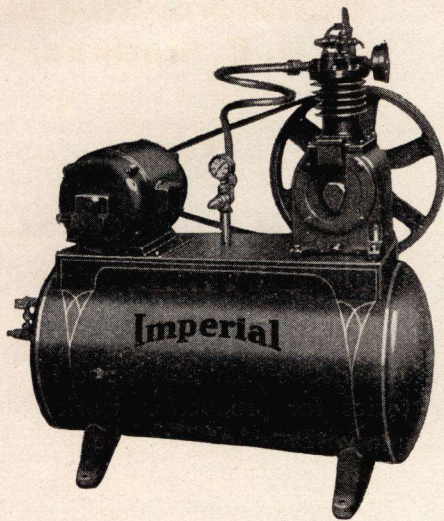
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
1½ H.P.	8.5 cu. ft	90 lbs.	32 gal.	40"	20"	46"	380 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

If different type electric motors are required than listed above, write for quotations.



# Imperial Stationary Air Compressor



## Outfit No. 5-CSC (2 H. P.)

This 2 cylinder stationary air compressor with 32 gallon storage tank furnishes sufficient air to operate one Imperial Hi-Duty Spray Gun and one Junior Spray Gun, making it an excellent compressor for automobile painting and for small factories and shops.

Has multiple V belt drive and the air is cooled by passing through the copper cooling coil before reaching the tank. Pressure gauge shows exact air pressure at all times and the safety check valve eliminates danger of excessive pressure.

The Compressor is quiet and dependable in operation and surprisingly efficient in low upkeep and operating cost.

No. 5-CSC (2 H.P.) stationary electric motor-driven air compressor with 32-gallon storage tank, multiple V belt drive and automatic unloader. Pressure gauge shows air pressure at all times and the safety check valve eliminates excessive air pressure. Felt silencer and air cleaner pad in intake of compressor. (AC-3 phase, 60 cycle, 220 volt).....\$215.00

*If the above compressor unit is wanted with different type compressor motor, order by the following catalog numbers:*

Cat. No.	Motor Specifications	Price
5-CSH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$282.00
5-CSF	AC-1 phase, 60 cycle, 110 or 220 volt.....	260.00
5-CSE	AC-3 phase, 25 cycle, 220 volt.....	246.00
5-CSD	Direct current, 110 volt.....	301.00*

\*Price includes starting rheostat

### SPECIFICATIONS

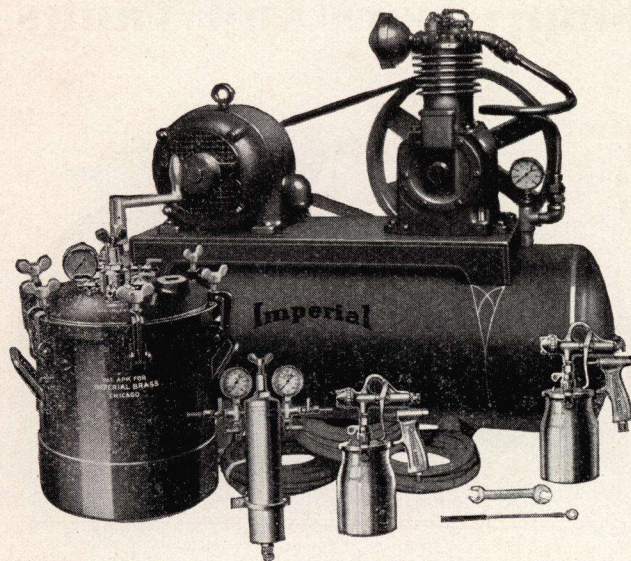
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
2 H. P.	11' Bore 2¼" Stroke 3"	90 lbs.	32 gal.	40"	18"	39"	390 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

*If different type electric motors are required than listed above, write for quotations.*



## Imperial Paint Spray Equipment



### Outfit No. 26-CSC (3. H. P. Stationary)

A complete paint spray outfit for large automobile paint shops and manufacturing companies. Methods used in production body plants and automobile factories can be used, tending to better workmanship and lower unit costs. The compressor unit is stationary and is large enough to operate two Hi-Duty spray guns in continuous service.

The air compressor, spray guns, pressure paint container, and water and oil separator furnished with this outfit make up one of the finest combinations ever offered to the trade.

No. 26-CSC (3 H.P.) Outfit consists of:

1—No. 6-CSC (3 H.P.) electric motor-driven, 2 cylinder stationary air compressor, with automatic unloader, 55 gallon air tank and V belt drive. Pressure gauge shows exact air pressure at all times. Safety check valve eliminates danger of excessive air pressure. Felt silencer and air cleaning pad in intake of compressor. (AC-3 phase, 60 cycle, 220-440 volt).....	\$300.00
2—No. 67-C Imperial Hi-Duty paint spray guns, for flat or round spray, with one-quart aluminum cup assemblies, wrench and cleaning brushes.....	57.70
1—No. 72-C ten gallon galvanized material pressure feed paint container with hand agitator and insert container.....	49.50
1—No. 69-C Imperial water and oil separator regulating set.....	27.50
1—50 ft. length $\frac{1}{2}$ in. corrugated heavy duty air hose with connections.....	11.70
2—25 ft. lengths $\frac{3}{8}$ in. corrugated heavy duty air hose with connections.....	9.00
2—25 ft. lengths $\frac{1}{2}$ in. fluid hose with connections.....	13.40
2—No. 95-C air adjusting valves.....	3.00
2—No. 97-C fluid cutoff cocks.....	2.00
No. 26-CSC outfit complete.....	\$473.80

If above outfit is wanted with different type compressor motor or gas engine drive, order by the following outfit numbers:

Cat. No.	Motor Specifications	Price of Complete Outfit	Compressor Cat. No.	Unit only Price
26-CSH	AC-1 phase, 25 cycle, 110 or 220 volt.....	\$616.80	6-CSH	\$443.00
26-CSF	AC-1 phase, 60 cycle, 110 or 220 volt.....	551.80	6-CSF	378.00
26-CSE	AC-3 phase, 25 cycle, 220 volt.....	534.80	6-CSE	361.00
26-CSD	Direct current, 220 volt.....	620.80*	6-CSD	447.00*

\*Price includes starting rheostat

#### SPECIFICATIONS

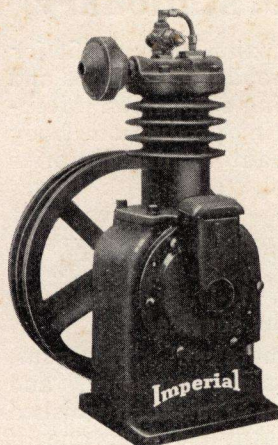
Motor	Displacement Cu. Ft. per Min.	Max. Pressure	Tank	Length	Width	Height	Shipping Weight
3 H.P.	21' Bore $3\frac{1}{2}$ " Stroke 4"	90 lbs.	55 gal.	52"	22"	46"	650 lbs.

Note:—When ordering electric motor driven compressors be very sure to give the correct specifications. If in doubt about the kind of current you use, get the information from your electric company. State the voltage, whether A.C. or D.C., and if A.C., give the frequency or number of cycles, and the phase (either 1, 2, or 3).

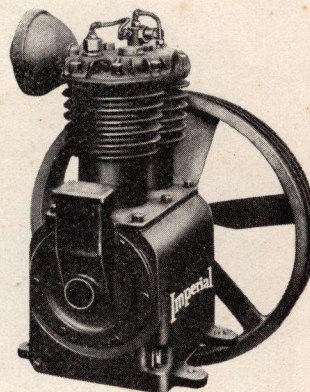
If different type electric motors are required than listed above, write for quotations.



## Imperial Individual Air Compressors and Tanks



**Air  
Compressor**



Cat. No.	Displacement Cu. Feet per Min.	Type of Compressor	Speed	Power Required	Max. Pressure	Type of Belt Drive	Automatic Unloader	Weight	Price
10-CS	8.17	1 cyl. air cool	500 R.P.M.	1½-H.P.	90 lb.	V	Included	87 lb.	\$ 62.50
11-CS	11.2	2 cyl. air cool	800 R.P.M.	2-H.P.	90 lb.	V	Included	110 lb.	80.00
12-CS	26.5	2 cyl. air cool	600 R.P.M.	5-H.P.	90 lb.	V	Included	160 lb.	163.00
13-CS	67.8	2 cyl. water cool	600 R.P.M.	15-H.P.	150 lb.	V	Included	360 lb.	320.00

All compressors are listed with minimum specification ratings which is found to be good practice by the leading compressor manufacturers—the speeding up of a compressor beyond its rated speed in order to increase its capacity is conceded not to be good practice and only tends to destroy its usefulness and service long before it becomes thoroughly efficient. In making a purchase of a new compressor, be sure and select your outfit with care, keeping in mind your future expansion. In so doing, you will benefit by the added service secured therefrom.

All of the above compressors are equipped with V Grooves in pulley for V Belt Drive. Use this valuable feature to avoid belt slippage and increase compressor efficiency and lower cost of operation.

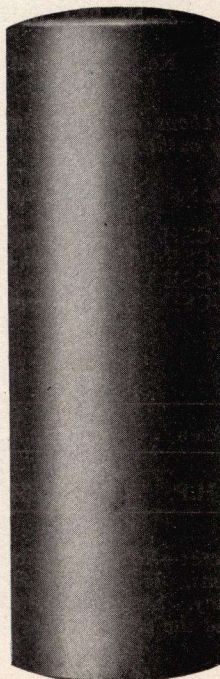
Note:—Special sizes on request.

## Air Receiving Tanks

Cat. No.	Diameter	Length	Capacity	Safe Working Pressure	Price	Shipping Weight
17-CS	16 in.	49 in.	35 gal.	150 lb.	\$34.00	104 lb.
18-CS	18 in.	48 in.	65 gal.	150 lb.	54.00	195 lb.

These tanks are constructed from a seamless cold drawn steel shell having a convex integral end to which is welded a concave bottom and includes inspection opening as well as necessary pipe openings properly threaded so that pipe connections to compressor and other points can readily be made. Above prices include air gauge, safety valve and drain cock. For localities where A. S. M. E. specifications do not meet the conditions required by law, we can supply the required type on special order. Price, of course, will conform with the special requirements.

Note:—Special sizes on request.





# Imperial Spray Painting Equipment Sundries

## Heavy Duty Air Hose

Imperial Corrugated Heavy Duty Air Hose was developed especially to meet the requirements of spray painting. It is made of pure gum rubber with braided fabric inserts which form a seamless hose. The corrugated black rubber cover resists wear and is impervious to paint. This hose is tested for bursting pressures far beyond those used in spray painting. It is flexible and non-collapsible. The Imperial name on each piece is a guarantee of highest quality.



## Flexible Fluid Hose

Imperial Fluid Hose has a composition inner tube that is absolutely impervious to the softening action of lacquer solvents—turpentine, distillate, gasoline, naphtha, etc. Swelling, softening and similar troubles will never be encountered where Imperial Fluid Hose is used. Great strength is given by the unique Imperial method of construction which insures longest life. Each piece is stamped with the Imperial name and is fully guaranteed.

## Air Hose and Connections

No. 161-C

AIR HOSE $\frac{1}{4}$ " Inside Diam., Outside Diam. $\frac{3}{4}$ "	
12 ft. length with connections.....	\$2.30
15 ft. length with Connections.....	2.75
25 ft. length with Connections.....	4.05
50 ft. length with Connections.....	7.30
$\frac{1}{4}$ " Air Hose per ft. ....	.13
$\frac{1}{4}$ " Air Hose Connections per set.....	.80

No. 162-C

AIR HOSE $\frac{1}{2}$ " Inside Diam., Outside Diam. $\frac{3}{4}$ "	
12 ft. length with Connections.....	\$2.68
15 ft. length with Connections.....	3.10
25 ft. length with Connections.....	4.50
50 ft. length with Connections.....	8.00
$\frac{1}{2}$ " Hose only per ft. ....	.14
$\frac{1}{2}$ " Straight Connections per set.....	1.00

No. 163-C

AIR HOSE $\frac{1}{2}$ " Inside Diam., Outside Diam. $\frac{1}{2}$ "	
25 ft. length with Connections.....	\$ 6.45
50 ft. length with Connections.....	11.70
$\frac{1}{2}$ " Air Hose per ft.....	.21
$\frac{1}{2}$ " Air Hose Connections per set.....	1.20

## Fluid Hose and Connections

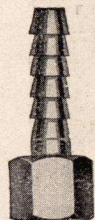
No. 164-C

FLUID HOSE $\frac{3}{8}$ " Inside Diam., Outside Diam. $\frac{1}{2}$ "	
12 ft. length with Connections.....	\$3.28
15 ft. length with Connections.....	3.85
25 ft. length with Connections.....	5.75
$\frac{3}{8}$ " Fluid Hose only per ft. ....	.19
$\frac{3}{8}$ " Fluid Hose Connections per set, ...	1.00

No. 165-C

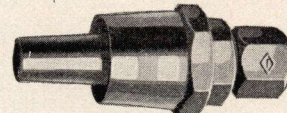
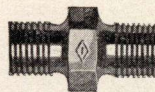
FLUID HOSE $\frac{1}{2}$ " Inside Diam., Outside Diam. $\frac{3}{4}$ "	
12 ft. length with Connections.....	\$3.84
15 ft. length with Connections.....	4.50
25 ft. length with Connections.....	6.70
$\frac{1}{2}$ " Fluid Hose only per ft.....	.22
$\frac{1}{2}$ " Fluid Hose Connections per set.....	1.20

## Hose Adapters, Couplings and Connections



No. 201-C Hose Connection, nut machined  $\frac{1}{4}$ " I. P. Thread.  
No. 201-C for  $\frac{1}{8}$ " inside diameter Hose  
No. 201-C for  $\frac{1}{4}$ " inside diameter Hose  
No. 201-C for  $\frac{3}{8}$ " inside diameter Hose  
Price—Each \$0.24.

No. 209-C Hose Connection, male thread machined,  $\frac{1}{4}$ " I. P. Thread.  
No. 209-C for  $\frac{1}{4}$ " inside diameter Hose  
No. 209-C for  $\frac{1}{2}$ " inside diameter Hose  
No. 209-C for  $\frac{3}{8}$ " inside diameter Hose  
No. 209-C for  $\frac{1}{2}$ " inside diameter Hose  
Price—Each \$0.24.



Hose Adapters  
No. 125-C to No. 135-C

Hose Couplings  
No. 140-C to No. 147-C

Hose Connections  
No. 150-C to No. 160-C

Cat. No.	Male Thread	Female Thread	Price Each	Cat. No.	Male Thread	Male Thread	Price Each	Cat. No.	Hose Size	Female Thread	To fit inside diameter hose	To fit outside diameter hose	Price Each
125-C	$\frac{5}{8}$ "-18	$\frac{3}{8}$ "	\$0.24	140-C	$\frac{1}{4}$ "	$\frac{1}{4}$ "	\$0.24	150-C	$\frac{1}{4}$ " air	$\frac{1}{4}$ "	$\frac{7}{32}$ " to $\frac{5}{16}$ "	$\frac{33}{64}$ " to $\frac{9}{16}$ "	\$0.40
126-C	$\frac{5}{8}$ "-18	$\frac{9}{16}$ "-20	.24	141-C	$\frac{5}{8}$ "-18	$\frac{5}{8}$ "-18	.24	151-C	$\frac{5}{16}$ " air	$\frac{1}{4}$ "	$\frac{1}{4}$ " to $\frac{3}{8}$ "	$\frac{9}{16}$ " to $\frac{5}{8}$ "	.50
127-C	$\frac{5}{8}$ "-18	$\frac{1}{4}$ "	.24	142-C	$\frac{9}{16}$ "-20	$\frac{5}{8}$ "-18	.24	152-C	$\frac{1}{2}$ " air	$\frac{1}{4}$ "	$\frac{7}{16}$ " to $\frac{9}{16}$ "	$\frac{57}{64}$ " to $\frac{15}{16}$ "	.60
128-C	$\frac{9}{16}$ "-20	$\frac{1}{4}$ "	.24	143-C	$\frac{3}{8}$ "	$\frac{5}{8}$ "-18	.24	157-C	$\frac{1}{2}$ " air	$\frac{5}{8}$ "-18	$\frac{7}{16}$ " to $\frac{9}{16}$ "	$\frac{51}{64}$ " to $\frac{15}{16}$ "	.60
129-C	$\frac{9}{16}$ "-18	$\frac{1}{4}$ "	.24	144-C	$\frac{1}{4}$ "	$\frac{9}{16}$ "-20	.24	153-C	$\frac{3}{8}$ " fluid	$\frac{1}{4}$ "	$\frac{5}{16}$ " to $\frac{7}{16}$ "	$\frac{21}{32}$ " to $\frac{11}{16}$ "	.50
130-C	$\frac{9}{16}$ "-20	$\frac{5}{8}$ "-18	.24	145-C	$\frac{3}{4}$ "	$\frac{9}{16}$ "-18	.24	158-C	$\frac{3}{8}$ " fluid	$\frac{3}{8}$ "	$\frac{5}{16}$ " to $\frac{7}{16}$ "	$\frac{21}{32}$ " to $\frac{11}{16}$ "	.50
131-C	$\frac{3}{8}$ "	$\frac{5}{8}$ "-18	.24	146-C	$\frac{9}{16}$ "-20	$\frac{9}{16}$ "-18	.24	154-C	$\frac{3}{8}$ " fluid	$\frac{5}{8}$ "-18	$\frac{5}{16}$ " to $\frac{7}{16}$ "	$\frac{21}{32}$ " to $\frac{11}{16}$ "	.50
132-C	$\frac{1}{2}$ "	$\frac{9}{16}$ "-20	.24	147-C	$\frac{3}{8}$ "	$\frac{3}{8}$ "	.24	160-C	$\frac{3}{8}$ " fluid	$\frac{9}{16}$ "-18	$\frac{5}{16}$ " to $\frac{7}{16}$ "	$\frac{21}{32}$ " to $\frac{11}{16}$ "	.50
133-C	$\frac{9}{16}$ "-20	$\frac{3}{8}$ "	.24					155-C	$\frac{1}{2}$ " fluid	$\frac{1}{4}$ "	$\frac{7}{16}$ " to $\frac{9}{16}$ "	$\frac{51}{64}$ " to $\frac{7}{8}$ "	.60
134-C	$\frac{1}{4}$ "	$\frac{5}{8}$ "-18	.24					156-C	$\frac{1}{2}$ " fluid	$\frac{5}{8}$ "-18	$\frac{7}{16}$ " to $\frac{9}{16}$ "	$\frac{51}{64}$ " to $\frac{7}{8}$ "	.60
135-C	$\frac{1}{4}$ "	$\frac{3}{8}$ "	.24					159-C	$\frac{1}{2}$ " fluid	$\frac{3}{8}$ "	$\frac{7}{16}$ " to $\frac{9}{16}$ "	$\frac{51}{64}$ " to $\frac{7}{8}$ "	.60



# IMPERIAL PRODUCTS

## Imperial Paint Spray Accessories

### No. 100-C Respirator and Filter Pads



The respirator prevents the inhaling of spray dust and will comfortably fit the contour of the operator's face without interfering with his vision.

The light aluminum shell has a rubber padding that rests against the face and the air that the operator breathes passes through a chemically-treated filter pad which absorbs the spray dust.

The filter pad can be easily replaced and the adjustable elastic band holds the respirator in place.

- |   |        |
|---|--------|
| No. 100-C Respirator complete with 12 felt filter pads. Each..... | \$2.00 |
| No. 101-C Extra paper filter pads, per carton of 100 .....        | 1.50   |
| No. 102-C Extra felt filter pads, per carton of 100 .....         | 2.00   |

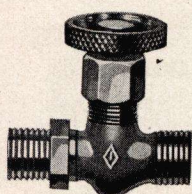
### No. 99-C Goggles



These goggles are light, strong and perfect fitting. They are used when spraying overhead and in closely confined places. Plain glass lenses are easily removed for cleaning.

- |                             |        |
|-----------------------------|--------|
| No. 99-C Goggles, Each..... | \$2.00 |
|-----------------------------|--------|

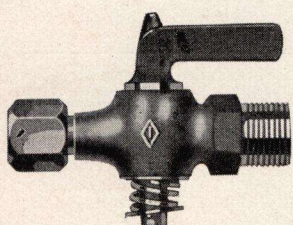
### Air Adjusting Valve



The air adjusting valve (needle valve type) is used between the air hose and spray gun so that air adjustment may be made without stopping work. Furnished in two sizes— $\frac{1}{4}$ " standard pipe thread on both ends— $\frac{1}{4}$ " standard pipe thread on one end and  $\frac{1}{8}$ " standard pipe thread on the other end.

- |   |        |
|---|--------|
| No. 95-C Air Regulating Valve, $\frac{1}{4}$ "x $\frac{1}{4}$ ", each | \$1.50 |
| No. 95-C Air Regulating Valve, $\frac{1}{4}$ "x $\frac{1}{8}$ ", each | 1.50   |

### Fluid Cut-Off Cock



This fluid cut-off cock is used between the fluid hose and spray gun making it possible to remove the gun without losing the fluid already in the hose or forcing it back into the container. It has  $\frac{5}{8}$ "—18 male thread on one end and  $\frac{5}{8}$ "—18 female thread on the other end.

- |  |        |
|--|--------|
| No. 97-C Fluid cut-off cock, each..... | \$1.00 |
|--|--------|

### No. 116-C Gravity Feed Material Container

The Imperial gravity feed material container is constructed of heavy aluminum and has a capacity of four gallons.

It is furnished with a heavy aluminum cover with nickel plated handle. The bottom of the container has rounded corners so that it is easily cleaned and the heavy bail handle has a retainer loop to hold the container in stationary position when attached to block and tackle hook.

Each container has a leak-proof heavy brass bib-cock with lever shut off handle.

- |   |        |
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| No. 116-C Gravity feed material container complete with bib-cock and cover. | \$4.50 |
| No. 117-C Bib-cock only .....   | 1.50   |



### No. 118-C Aluminum Funnel

This is a heavy aluminum funnel that is especially designed for filling and straining the material used in material pressure feed containers.

To prevent damage to the brass screen, a metal ring is securely soldered to the screen. It is easily removed for cleaning and the bowl of funnel holds one gallon above the screen.

- |   |        |
|---|--------|
| No. 118-C Aluminum Funnel, complete with screen, each .....               | \$1.00 |
| No. 119-C Brass Screen with reinforced metal ring for No. 118-C, each.... | 1.50   |



### Extra Feed Cups

Where frequent color changes are required it is very convenient to have additional feed cups. Air-tight covers can also be furnished.

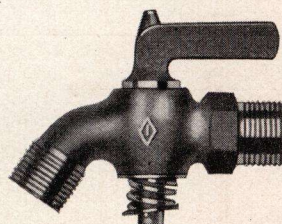
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|---|--------|
| No. 110-C 1 qt. cup only for No. 67-C spray gun, each..                   | \$1.35 |
| No. 79-C Air-tight cup cover for No. 110-C, each....                      | .25    |
| No. 112-C 24-oz. cup only for No. 77-C Junior spray gun, each..           | \$1.10 |
| No. 115-C Air-tight cup cover for No. 112-C, each .....                   | .25    |
| No. 108-C Mason jar and cup assembly for No. 65-C and 75-C guns, each.... | 2.00   |



### Bib-Cock

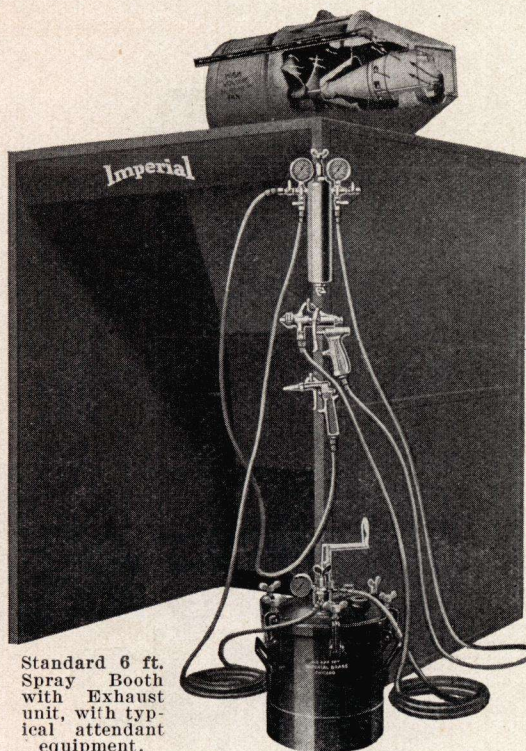
This brass bib-cock is especially adapted for use on Gravity Feed Material Containers and is regularly furnished with No. 116-C Container. Has  $\frac{3}{8}$ " standard male pipe thread on one end and  $\frac{5}{8}$ "—18 thread on the other end.

- |   |        |
|---|--------|
| No. 117-C Bib-Cock $\frac{3}{8}$ "x $\frac{5}{8}$ "—18. Each..... | \$1.50 |
|---|--------|





## Imperial Paint Spray Booth



Standard 6 ft. Spray Booth with Exhaust unit, with typical attendant equipment.

All Imperial spray booths are constructed from sectional steel panels bolted together with  $\frac{1}{4} \times \frac{3}{4}$  in. round head stove bolts. Each panel is made from No. 22 gauge sheet steel spot welded to  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$  in. angle iron and reinforced with  $\frac{1}{2} \times \frac{1}{8}$  in. band iron.

Slanting removable distributing plates are furnished with each booth and these plates diffuse the air currents to all parts of booth, thereby distributing the pull of fumes and vapors over the entire face area of the booth. Plates are easily removable for cleaning.

The exhaust unit features are fully patented and embody the following advantages: Fan is direct driven being mounted directly on motor shaft. Specially constructed Westinghouse motor with long sleeve bearing on exhaust fan shaft end. Exhaust fan blades are cast aluminum non-sparking and may be easily removed for cleaning. Motor is fully enclosed and does not come in contact with exhausting fumes. Motor compartment enclosure allows all heat from the motor to escape through vent pipe. Cold air is taken through a separate vent pipe for cooling motor. Another important feature is the convenience of mounting exhaust unit so that outlet connection may be made in the most convenient place. Exhaust unit may be mounted directly on booth or may be mounted apart from booth such as roof pent house or outside wall mountings as shown in sectional views below. The cutaway section shows the construction of this exhaust unit.

Imperial Spray Booths are approved by Underwriters Laboratories and the National Board of Fire Underwriters. TYPE UL stamped on the name plate is their endorsement of this construction.

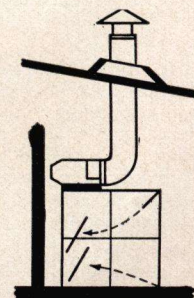
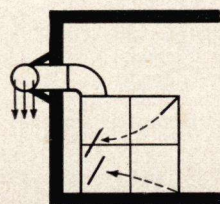
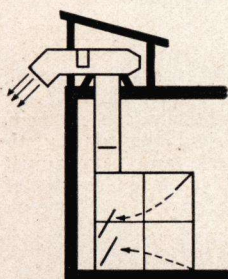
Standard sizes are shown in specification chart below. Special sizes built to order. Prices on request.

*Spray Booth Specifications and Prices  
Standard Floor Type*

Size, Specified by Width Booth Complete with Standard Height 6 ft. 6 in. Distributing Plates	Complete Exhaust Unit, Fully Enclosed and Fire Proof (Patented)	Size of Electric Motor and Efficiency of Unit
2 Ft. Depth 2 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	$\frac{1}{4}$ H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—1,527 Ft. Anemometer Reading.
3 Ft. Depth 3 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	$\frac{1}{2}$ H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—2,432 Ft. Anemometer Reading.
4 Ft. Depth 4 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	$\frac{1}{2}$ H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—2,432 Ft. Anemometer Reading.
5 Ft. Depth 5 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	1 H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—3,952 Ft. Anemometer Reading.
Depth 6 Ft. 6 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	1 H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—3,952 Ft. Anemometer Reading.
Depth 8 Ft. 8 Ft.	AC—220-440 volt, 3 phase.. Direct Current, 110-220 volt.	2 H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—6,700 Ft. Anemometer Reading.
Depth 10 Ft. 10 Ft.	AC—220-440 volt, 3 phase.. Direct Current, 110-220 volt.	2 H.P. Motor Driven Fan Unit; Displacement in Cu. Ft. of Free Air per minute at 1750 R.P.M.—6,700 Ft. Anemometer Reading.
12 Ft. Depth 12 Ft.	AC—220-440 volt, 3 phase.. AC—110-220 volt, 1 phase.. Direct Current, 110-220 volt.	Two 1 H.P. Motor Driven Fan Units; Displacement in Cu. Ft. of Free Air per Minute at 1750 R.P.M.—7,904 Ft. Anemometer Reading.

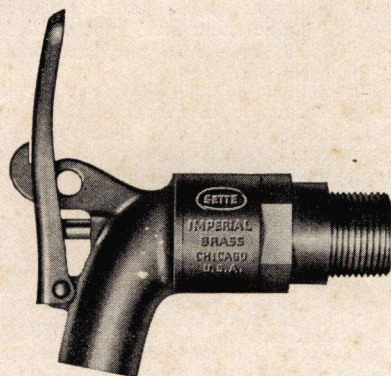
Note:—All booths have a 21-inch Exhaust Duct Opening excepting the 8, 10 and 12 footths, which have a 25-inch opening.

*Sectional Views Showing Various Type of Exhaust Unit Installations*





## Imperial Paint Spray Accessories



The Sette Lock Lever Faucet is for steel drums, barrels, etc., and has a metal to metal seat. No packing to dry out.

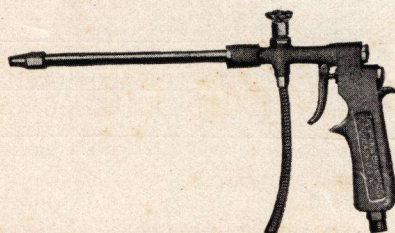
It closes automatically, easily locked in open or closed position and will hold naphtha, linseed oil, paints, lacquers, lacquer thinners, etc., without leaking.

Sette Faucet  $\frac{3}{4}$  in. Iron Pipe Thread. Each \$1.00  
No. 261-G Sette Faucet,  $\frac{3}{4}$ -inch I.P.T., Each \$1.00



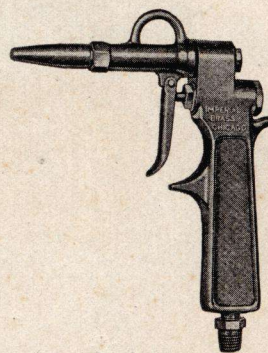
The Imperial Car Washer is strongly constructed of brass, with simple working parts and built to withstand hard usage. The trigger control air valve and water valves are conveniently located and any graduation from a solid stream of water to a fine mist can instantly be obtained. For maximum efficiency a minimum air pressure of 100 lbs. is recommended.

No. 39-C Car Washer, Each.....\$6.85



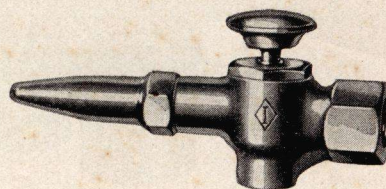
The Imperial Motor Cleaner with the pistol grip handle operates with kerosene and compressed air, producing a powerful spray which will quickly remove dirt and grease from motors and machinery. Furnished with 6 ft. length flexible metal hose, trigger air valve and valve for adjusting kerosene supply. For maximum efficiency we recommend a minimum air pressure of 100 lbs.

No. 37-C Motor Cleaner, Each.....\$4.85



This Air Duster with pistol grip handle is a very valuable tool for any paint spray shop for blowing moisture, dust and dirt out of joints and surfaces before painting.

No. 41-A Air Duster, Each.....\$2.25



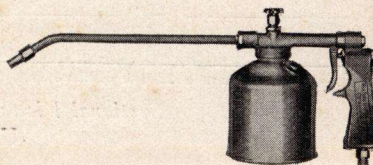
This Air Nozzle is for use on compressed air lines to blow dirt, metal chips, clean gasoline and oil lines, etc. A simple and very effective air nozzle that fits comfortably in the palm of your hand.

Has button control air valve, and the special composition washers prevent leakage. Furnished in white nickel finish with two extra washers.

No. 42-A Air Nozzle, Each.....\$1.50

### EXTRA PARTS

Nozzle only. No. 19873. Each.....\$0.25  
Washers only. No. 28776. Each......05  
If a  $\frac{1}{4}$ -inch male iron pipe thread is desired at inlet also, order a No. 140-C Nipple. Each.....\$0.30



This Spring Oiler (pistol grip type) is an essential tool for every service station for oiling springs and other hard-to-get-at parts of the car. Operates with oil and compressed air, the oil being regulated by needle valve and the air by the trigger valve allowing quick and easy adjustment. Oil container hold  $1\frac{3}{4}$  pints. Operates effectively 100 lbs. air pressure.

No. 35-C Spring Oiler, Each .....\$5.75